

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007 OMB 0651-0021
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ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES

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| DESIGNATEDIEL FOTED OFFICE (DO/FO/US) | | | | | 095309.5793305 | |
|---------------------------------------|-------------|---|-----------------------------|---------------------------|---|---|
| C | | SIGNATED/ELECTED OFFICE ERNING A SUBMISSION UNDE | | U.S. APPLICATION NO. (| If known, see 37 CFR 1.5) 10/584,237 | |
| INTE | RNATIC | DNAL APPLICATION NO. | INTERNATIONAL FILING | DATE | PRIORITY DATE CLAIMED | _ |
| | | PCT/EP2004/013604 | Decembe | er 1, 2004 | December 24, 2003 | |
| TITLE | E OF IN | VENTION METHOD FOR REGENER | RATING A NITROGEN | OXIDE STORAGE CAT | ALYTIC CONVERTER | |
| APPL | .ICANT(| (S) FOR DO/EO/US | Jens FRAN | NZ. et al. | | |
| Appl | icant h | erewith submits to the United States Des | | | g items and other information: | _ |
| 1. | | This is a FIRST submission of items co | encerning a submission | under 35 U.S.C. 371. | | |
| 2. | \boxtimes | This is a SECOND or SUBSEQUENT | submission of items con | cerning a submission und | der 35 U.S.C. 371. | |
| 3. | \boxtimes | This is an express request to begin nat and (21) indicated below. | ional examination proce | dures (35 U.S.C. 371(f)) | . The submission must include items (5), (6), (9) | |
| 4. | \boxtimes | The US has been elected (Article 31). | | | : | |
| 5. | | A copy of the International Application | as filed (35 U.S.C. 371(| c)(2)) | | |
| | | a. is attached hereto (required | d only if not communicat | ed by the International B | ureau). | |
| | | b. has been communicated by | y the International Burea | au. | | |
| | | c. Is not required, as the appl | ication was filed in the U | Inited States Receiving C | Office (RO/US). | |
| 6. | | An English language translation of the | International Application | as filed (35 U.S.C. 371(| c)(2)). | |
| | | a. is attached hereto. | | | | |
| | | b. has been previously submi | tted under 35 U.S.C. 15 | 4(d)(4). | | |
| 7. | | Amendments to the claims of the Intern | national Application unde | er PCT Article 19 (35 U.S | S.C. 371(c)(3)) | |
| | | a. are attached hereto (requir | ed only if not communic | ated by the International | Bureau). | |
| | | b. have been communicated | by the International Bure | eau. | | |
| | , | c. have not been made; howe | ever, the time limit for ma | aking such amendments | has NOT expired. | |
| | | d. have not been made and w | vill not be made. | | | |
| 8. | | An English language translation of the | amendments to the clair | ns under PCT Article 19 | (35 U.S.C. 371(c)(3)). | |
| 9. | \boxtimes | An oath or declaration of the inventor(s | s) (35 U.S.C. 371(c)(4)) (| (One (1) page). | | |
| 10. | | An English language translation of the 371(c)(5)). | annexes of the Internati | onal Preliminary Examina | ation Report under PCT Article 36 (35 U.S.C. | |
| | Items | s 11 to 20 below concern document(s) | or information include | ed: | | |
| 11. | | An Information Disclosure Statement u | | | | |
| 12. | | An assignment document for recording | . A separate cover shee | t in compliance with 37 (| CFR 3.28 and 3.31 is included. | |
| 13. | | A preliminary amendment. | | | | |
| 14. | \boxtimes | A Supplemental Application Data Shee | t under 37 CFR 1.76 (F | our (4) pages). | | |
| 15. | | A substitute specification. | | | | |
| 16. | | A power of attorney and/or change of a | address letter. | | | |
| 17. | | A computer-readable form of the seque | - | | and 37 CFR 1.821- 1.825. | |
| 18. | | A second copy of the published Interna | | | | |
| 19. | | A second copy of the English language | | | , | |
| 20. | \square | Other items or information: A copy | of the Notification of Mis | sing Requirements dated | d March 30, 2007. | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 02-2005)
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U.S. APPLICATION NO. (if known, see 37 CER 1.5)

INTERNATIONAL APPLICATION NO.

| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) | | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | | | |
|--|--|---|----------------------------------|-----------------------|--------------------------|---------------------------|-------------|--|
| 10/584,237 | | | PCT/EP2004/013604 | | | 095309.57933US | | |
| The following fees have been submitted | | | | | | CALCULATIONS PTO USE ONLY | | |
| 21. 🔲 Bas | ic national f | fee (37 C.F.R. §1.492(| a)) | \$300.00 | | \$ | | |
| 22. Exa | mination fe | e (37 C.F.R. §1.492(c) |) | | | | , | |
| If the written opin | nion prepare | ed by ISA/US or the int | ternational preliminary | | | | | |
| examination | report pre | pared by IPEA/US indi | cates all claims satisfy | | | | | |
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| | | | | \$200.00 | | \$ | | |
| | | C.F.R. §1.492(b)) | | | | | | |
| If the written opin | nion of the I | SA/US or the Internation | onal preliminary examina | tion | | | | |
| | | | ms satisfy provisions of P | | | | | |
| Search fee (37 C | FR 1.445(a | a)(2)) has been paid or | the international applica | tion to | | | | |
| the USPTO | as an Inter | national Searching Au | thority | \$100 | | l | | |
| International Sea | rch Report | prepared by an ISA of | her than the US and prov | rided to | | | | |
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| Surcharge of \$13 | 30.00 for fur | rnishing the oath or de | claration later than 30 mo | onths from the earlie | est | | | |
| claimed priority d | late (37 CF | R 1.492(h)). | | | | \$ | | |
| CLAIMS | | NUMBER FILED | NUMBER EXTRA | RATE | | | | |
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| Applicant cla | ims small e | entity status. See 37 Cl | FR 1.27. Fees above are | | ••• | | | |
| | | | | SUBTOT | AL = | \$ | | |
| Processing fee o | Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i))+ \$ | | | | | | | |
| earliest claimed | ononly date | (37 CFR 1.492(I)) | | TAL NATIONAL F | | \$ | | |
| Fac for recording | | and applications /27 CE | R 1.21 (h)). The assignm | | | • | | |
| | | | FR 3.28, 3.31). \$40.00 p | | . + | \$ | | |
| decempanies by | ан арриор. | | | L FEES ENCLOS | | \$ | | |
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| charged: \$ | | | | | | | | |
| a. A check in the amount of \$ to cover the above fees is enclosed. | | | | | | | | |
| | | | | | | | | |
| b. Please charge my Deposit Account No. 05-1323 (Attorney Docket No. 095309.57933US) in the amount of \$ to cover the above fees. | | | | | | | | |
| A dupi | A duplicate copy of this sheet is enclosed. | | | | | | | |
| c. 🛛 The Co | c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit | | | | | | | |
| Accour | nt No. 05-1 3 | 323 (Attorney Docket | No. 095309.57933US). | A duplicate copy | of this | s sheet is enclosed. | • | |
| l. — - | | | | | | | | |
| | d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not | | | | | | | |
| be included on this form. Provide credit card information and authorization on PTO-2038. | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed | | | | | | | | |
| and granted to restore the International Application to pending status. | | | | | | | | |
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| Intellectual Property Group SIGNATURE | | | | | · — | | | |
| P.O. Box 14300 Gary R. Edwards Washington, D.C. 20044-4300 | | | | | | | | |
| 31 824 | | | | | | | | |
| Tel. No. (202) 624-2500 REGISTRATION NUN Fax No. (202) 628-8844 April 12, 2007 | | | | | | MBER | | |
| 1 | April 12, 2001 | | | | | | | |
| EOPM PTO-1390 (PE | 14 00 0005) | | | DATE | | | | |



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/584,237

Jens Franz

095309.57933US

INTERNATIONAL APPLICATION NO. PCT/EP04/13604

I.A. FILING DATE

PRIORITY DATE

12/01/2004

12/24/2003

CONFIRMATION NO. 1291 371 FORMALITIES LETTER

OC000000023113227*

23911 **CROWELL & MORING LLP** INTELLECTUAL PROPERTY GROUP P.O. BOX 14300 WASHINGTON, DC 20044-4300

Date Mailed: 03/30/2007 /

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/26/2006
- English Translation of the IA filed on 06/26/2006
- Copy of the International Search Report filed on 06/26/2006
- Preliminary Amendments filed on 06/26/2006.
- Information Disclosure Statements filed on 06/26/2006
- Request for Immediate Examination filed on 06/26/2006
- U.S. Basic National Fees filed on 06/26/2006
- Substitute Specification filed on 06/26/2006
- Priority Documents filed on 06/26/2006

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

 Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filling a petition and fee for extension of time under the provisions of 37 CFR 1 136(a)."

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. | | |
|-----------------------------|-------------------------------|------------------|--|--|
| 10/584,237 | PCT/EP04/13604 | 095309.57933US | | |

FORM PCT/DO/EO/905 (371 Formalities Notice)